

MICHALICKA, M.; LINHART, J.

Contribution to experimental studies on the age factor in analytic-synthetic activities in children. *Activ. nerv. sup.* 3 no.4:404-411 '61.

1. Pedagogický ústav J. A. Komenského CSAV v Praze, oddelení pedagogické psychologie.

(CEREBRAL CORTEX physiol) (AGING)
(REFLEX CONDITIONED in inf & child)

CZECHOSLOVAKIA

MICHALICKA, M.; LINHART, J.; Pedagogical Institute of the Czechoslovak Academy of Sciences, Department of Pedagogical Psychology (Pedagogický Ústav CSAV, odd. pedagogické psychologie, in Prague.

"Influence of Retroinformation on Activity Results on the Movement Efficiency of Children."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp. 494 - 497

Abstract: The control by sight of the results influenced the activity of children and has a positive effect on their efficiency. The increase in age increase the importance of the sight control. The time of reaction of children is a function of their age. No references. 3 Figures. Submitted at the Medical Congress in Prague, November 1962.

LINHART, J.; MICHALICKA, M.

Fundamental problems of regulative mechanisms in mental ontogenesis. *Activ. nerv. sup.* 6 no.1: 86-87 '64.

*

CZECHOSLOVAKIA

MICHALICKA, M.: [Affiliation not given].

"Memory and Learning."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 228-233

Abstract: The problem of registering storing, organizing, and digesting of information by the human brain is discussed. Best known theories of memory mechanism described by various workers in the field are presented. The author's own theory of the mechanism of memory is discussed. Memory is a complex of traces with a definite structure and specific properties. New memory traces constantly change in both the qualitative and quantitative properties of the memory system. Learning is an interaction of an individual with his surroundings by which original programs governing the neuropsychotic activity are modified and new programs formed; these programs have a decisive influence on the psychic development of man and allow better adaptation to outside influences. 24 Western, 7 Czech, 8 Russian references.

1/1

MICHALICKA, Vladimir, inz.

Corrosion of aeroplanes used in agricultural operations.
Letecky obzor 6 no.5:132-133 My '62.

MICHALICKA, Vladimir, inz.

Sprayer of chemicals. Letecky obzor 7 no.5:142-143 My '63.

SPALDON, Frantisek, prof., inz. dr.; TARHANIC, Ladislav, inz.; MICHALIKOVA,
F., inz.

Application of new sludge disposal methods in Czechoslovak
dressing plants. Rudy 11 no.7:232-236 JI '63.

1. Vysoka skola technicka, Kosice.

MICHALICKOVA, J.; ORAVEC, C.; KILLINGER, Z.

Coli bacteria infections and toxic dyspepsia in children treated with aureomycin. Bratisl.lék.listy 31 no.3-4:392-405 1951. (CLML 21:1)

1. Of the Children's Clinic of the Medical Faculty of Slovak University, Bratislava.

MICHALICKOVA, JAROSLAVA

MICHALICKOVA, Jaroslava, Doc. Dr; KAMENSKY, Pavol, asist. Dr

Problem of infant toxicosis in Slovakia as represented by the
Bratislava region. Pediat. listy 9 no.2:80-83 Ap '54.

1. II. detska klinika SU v Bratislave.
(INFANT NUTRITION DISORDERS.
*toxicosis, statist. in Czech.)

MICHALICKOVA, J.

KOVAROVA, V., MUDr ; MICHALICKOVA, J., MUDr

Influenzal infections in infants. Pediat. listy 9 no.2:116-118
Ap '54.

1. Virolog. ustav Cs. akademie vied, prednosta akademik D.Blaskovich,
Bratislava. II. detska klinika SU v Bratislave, prednosta MUDr
J.Michalickova.

(INFLUENZA, in infant and child,)

•

MICHALICKOVA, J.; VESELINOV, E.

Infantile pneumonitis in the light of recent scientific discoveries.
Cesk. pediat. 10 no.2:81-88 Mar 55.

1. II detska klinika SU v Bratislave; predn. doc. MUDr J.Michalickova.
(PNEUMONIA, in inf. and child.)

HOUSTEK, Prof. Dr; HLOUSKOVA, Dr; NICHALICKOVA, doc.

Respiratory infections in children. Cesk.pediat. 10 no.3:170-180
Apr 55.

1. Z II. detske kliniky v Praze, z II. detske kliniky v Bratislave.
(RESPIRATORY TRACT, diseases,
infect. in child.)

MICHALICKOVA, Jaroslava, Doc. MUDr.; TOMCIKOVA-MIKLETICOVA, Otilia, MUDr.

Escherichia coli dyspepsia in Czechoslovakia. Cesk. pediat. 12 no.11:
957-963 5 Nov 57.

1. II detska klinika LFUK v Bratislave prednosta doc. MUDr J. Michalickova.

(GASTROINTESTINAL DISEASES, in inf. & child
dyspepsia caused by E. coli (Cz))

(ESCHERICHIA COLI, infect.
dyspepsia in child. (Cz))

MICHALICKOVA, J.; VESELINOV, E.

Influenza in children. Cesk. pediat. 13 no.8:684-687 5 Sept 58.

1. II. detska klinika Lekarskej fakulty Univerzity Komenskeho v Bratislave, prednosta doc. dr. Jaroslava Michalickova Doc. MUDr.

J. Michalickova, Zahradnicka 1, Bratislava.

(INFLUENZA, in inf. & child,

pathogen. & compl. of Czech. epidemic (Cs))

MICHALICKOVA, J.

Development of child welfare in Slovakia during recent 15 years. Cesk. pediat. 15 no.5:396-398 My '60.

1. II. detska klinika, Bratislava, prednosta doc. MUDr. Jaroslava Michalickova.

(CHILD WELFARE)

MICHALICKOVA, J.; ZVOLENSKY, M.

Staphylococcal pyopneumothorax in infants and young children. (Frequency and therapy). Cesk. pediat. 16 no.10:890-898 0 '61.

1. II detska klinika lek. fak. UK v Bratislave, prednosta prof. MUDr. J. Michalickova.

(STAPHYLOCOCCAL INFECTIONS in inf & child)
(PNEUMOTHORAX in inf & child)

MICHALICKOVA, Jaroslava

Psychological problems and child care from the pediatric viewpoint.
Cesk. pediat. 17 no.7/8:577-584 Ag '62.

1. II. detska klinika Detskej fakultnej nemocnice v Bratislava,
prednosta prof. dr. J. Michalickova.
(CHILD PSYCHOLOGY) (PEDIATRICS)

MIKHAILOVA, J.

Analysis of respiratory diseases in infants. A new method
of determining respiratory function in infants.
Bratisl. Lek. Listy 41:1956, 1957, 1958, 1959, 1960, 1961, 1962

1. Katedra pediatrie I. ex. fac. Univerzity Komenského v Bratislave
(veduca - prof. MUDr. J. Michalík, MUDr. J. Michalík, MUDr. J. Michalík).

MICHALICKOVA, J.

Respiratory insufficiency in 2 - 6 month old infants with acute pulmonary disease. *Cesk. pediat.* 20 no.3:349-352 Mr '65

1. II. Kinderklinik, Medizinische Fakultät, Bratislava.

LIBEREK, B., GRZONKA, Z., MICHALIK, A.

Racemization during peptide synthesis. *Pol. J. Biochem. Biophys.*
12 no.6:375-381 '64.

1. Department of General Chemistry of Teachers College, Gdansk.
Submitted March 24, 1964.

MICHALIK, ANDRZEJ

Chemical Abstr.

Vol. 48

Apr. 10, 1954

Mineralogical and Geological Chemistry

. Fracturing of the crystalline massif of the Polish Tatra and the hydrothermal reactions that accompanied it. Andrzej Michalik (Museum Ziemi, Warsaw). *Panstwowy Instytut Geologiczny* 24, 49 pp. (1952) (French summary).—Hydrothermal solns. caused albitization of plagioclase, chloritization of biotite, and replacement of quartz by epidote and chlorite. Michael Fleischer

722
54/55

MICHALIK, A.

Rock varnish in the Tatra Mountains. p. 398. ACTA GEOLOGICA
POLONICA. Vol. 5, no. 3, 1955.
Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

MICHALIK, Andrzej; WIESER, Tadeusz

Tuffaceous rocks in the Podhale Flysch. Kwartalnik geol 3 no.2:
378-389 '59. (EAI 9:8)

1. Karpacka Stacja Terenowa I.G.
(Poland--Volcanic ash, tuff, etc)
(Carpathian Mountains)

MICHALIK, Andrzej; OSZCZYPKO, Nestor

Remarks on the preparation of the general engineering-geological
map, scale 1: 200,000 fol. Bielsko. Kwartalnik geol 6 no.2:436-
438 '62.

1. Karpacka Stacja Terenowa, Instytut Geologiczny, Warszawa.

MICHALIK, Andrzej

General remarks on the general hydrogeological map of the Carpathian Mountains, fol. Teschen, edition A. Kwartalnik geol 6 no.2:438-439 '62.

1. Karpacka Stacja Terenowa, Instytut Geologiczny, Warszawa.

MICHALIK, D.

CZECHOSLOVAKIA/Radio Physics - Radiation of Radio Waves.
Transmission. Lines and Antennae

I

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1713
Author : Hamal, K. Krupicka, S., Dusek, J., Michalik, D.
Inst : -
Title : Certain Applications of Type MnMg Ferrites in Micro-
wave Technology
Orig Pub : Slaboproudy obzor, 1950, 20, No 5, 287-292
Abstract : Certain types of manganese-magnesium ferrites are
used successfully in microwave technology. Physical
and experimental technical data on ferrites of this
type prepared in the laboratory of the Institute of
Technical Physics in Czechoslovakia are reported.

Card 1/1

MICHALIK, F.

BY : Czechoslovakia
 CATEGORY : Cultivated Plants. Potatoes. Vegetables.
 COUNTRY : Czechoslovakia
 JOURN. : Sborník vědeckých prací VVÚ, No. 5, 1957, No. 10303
 AUTHOR : Michalik, Ferdinand
 INST. : Scientific Research Inst. of Plant Cultivation
 TITLE : Experiments on Various Arrangements in Cultivating Potatoes.
 ORIG. PUB.: Za vysokou urodu, 1957, 5, No.3, 62-63

ABSTRACT : Experiments were made by the Scientific Research Institute of Plant Cultivation in the village of Borovets (Czechoslovakia) in 1956 on growing potatoes by the square pocket method. In row planting the variants were arranged from 70 x 40 to 50 x 20 cm; in square pocket planting from 70 x 70 to 50 x 50 cm. The best results were gotten by placing two tubers in a hill. Two potato varieties, when the hills were arranged in

CARD: 1/2

GREBSKI, Zbigniew, mgr., inż.; MICHALIK, Henryk, mgr.

Ventilation of radways in gas mines. Przegl gorn 17 no. 336-
340 Jr 1961.

CZECHOSLOVAKIA

IVANKO, Stefan; MICHALIK, Ivan; Chair of Radiobiology and Biochemistry, College of Agriculture, Nitra. [Original version not given].

"The Uptake and Transformation of Phosphorus by the Roots of Corn as a Function of Preceding Nutrient Availability."

Bratislava, Biologia, Vol 21, No 5, 1966, pp 339 - 351

Abstract: Phosphorus tagged with P^{32} was introduced into corn roots; it was found that after 10 minutes it was present in all the phosphorylated intermediate products of glycolysis and in the nucleotides. When the plants lacked phosphorus before the experimental addition of it, P uptake is shown within 5 seconds after the plant was exposed to its presence; P is present in the form of high molecular weight compounds which are precipitated by trichloroacetic acid. The amount present in these high molecular weight compounds is proportionate to the total P uptake. 10 figures, 1 Table, 18 Western, 1 Czech, 3 Russian references. (Manuscript received 16 Sep 65). Article is in German.

1/1

- 196 -

COUNTRY : POLAND
 COUNTRY : Forestry. Forest Cultures.
 JOUR. : RZhBiol., No. 3, 1957, No. 10807
 AUTHOR : Czernioryski, A., Michalik, J.
 TITLE : On the Influence of an Isolated Field-Protective Forest
 Plantation on the Microclimate of Adjacent Fields in
 Rogoszewie.
 JOUR. : Roczn. nauk rolniczych, 1956, F71, No. 2, 437-454.
 ABSTRACT : A strip of 30 meters in width and 1675 meters in length
 consisting of black locust of undergrowth origin with a
 slight admixture of common oak and European larch, was
 investigated. The influence of the strip was determined
 in the direction of reducing the effect of some meteorological
 factors as the result of the decrease in the diurnal
 range of the temperature, the lowering of diurnal temperatures
 and also in the reduction of evaporation. During
 strong winds the favorable effect of the strip was

1/2

-2-

MICHALIK, Jan, ins.

Solution of the complex mechanization of lumber yards. Drevo 18
no.1:3-9 Ja '63.

1. Sarecina, narodny podnik, Banska Bystrica.

ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA

8.7-257

Michalik, Jolina. Porównanie pomiarów parowania ewaporymetrami Piche' na wolnym powietrzu i w klatce. [Comparison of evaporation measurements using the Piche evaporimeter in free air and in an instrument shelter.] *Poland. Państwowy Instytut Hydrologiczno-Meteorologiczny, Wiadomości Słuszy*, 5(1):43-47, 1953. 4 figs., table, 8 refs., eqs. Russian and French summaries p. 47. DLC—The results of observations and calculations at the meteorological station of Bydgoszcz during 1951-1954 show that evaporation in free air is 1.5 greater than evaporation in an instrument shelter; there is a good correlation between evaporation and saturation deficit, which amounts to +0.9886. During summer, E. winds cause a greater saturation deficit and evaporation than W. winds. *Subject Headings:* 1. Evaporation measurements 2. Piche evaporimeter 3. Bydgoszcz, Poland.—A. M. P.

551.573:531.508.72

2

4200

MICHALIK, Janusz, inz. (Djakarta)

More on the "man on the ship." Tech gosp morska 10 no.7/8:215-217
Jl-Ag '60. (EEAI 9:11)
(Poland--Merchant marine)

MICHALIK, Janusz, inz.

Turboblowers may fail, too. Tech gosp morska 10 no.11:362-363 N '60.

(Turboblowers)

(EEAI 10:3)

BLAKALA, Kazimierz, inż.; MICHALIK, Janusz, inż.; RESPONDEK, Alojzy, inż.;
TARNOWSKI, Ladyslaw; GLOWANIA, Edward

Increasing the disposable power of the power plant of the Florian Steel
Works by 7 MW. Gospaliw 11 Special issue no.(95):59 Ja '63.

L 43621-56

ACC NR: AP6007344

FWP(w)/FWP(t)/FWP(k) IJP(c) D/WP/EM

SOURCE CODE: PO/0036/65/000/010/0239/0245

AUTHOR: Kaluza, Frantisek (Master Engineer); Michalik, Jozef (Master Engineer)

ORG: none

TITLE: The corrosion of welded joints of type OH17N4g8 acid-resistant economy steel with a nitrogen content

SOURCE: Przegląd spawalnictwa, no. 10, 1965, 239-245

TOPIC TAGS: welding, corrosion resistance, corrosion resistant steel

ABSTRACT: The article reports on experiments carried out by the Welding Institute (Instytut Spawalnictwa) to determine the corrosion resistance of welded joints of economy steel obtained from various melts and intended to find answers to the following questions: a) under what technological conditions can equipment of welded parts from economy, chrome-nickel-manganese steel with nitrogen as an additive operate, and b) what welding process can be used in the construction of such equipment from this steel. A set of nine conclusions is drawn from the experimental results. Among other conclusions, it appears that welded joints from the economy steel investigated made with type ES18-8 acid-resistant electrodes or with type 18-8-2 wire in

Card 1/2

L 47621 66

ACC NR: AP6007344

0

an argon shield under unstressed conditions are, independently of the type of welding, equally resistant to intercrystalline corrosion, and to surface corrosion in a concentrated solution of nitric acid, in a 10% solution of sulfuric acid with a 10% additive of copper sulfate. Orig. art. has: 5 figures and 9 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 002/ SOV REF: 002/ OTH REF: 002

Cord 2/2

ACC NR: AP7003752

(A)

SOURCE CODE: PO/0036/66/000/012/0295/0296

AUTHOR: Kaluza, Franciszek (Master engineer); Michalik, Jozef (Master engineer)

ORG: Welding Institute, Gliwice (Instytut Spawalnictwa)

TITLE: Knife-line attack of welded joints in stabilized stainless steel

SOURCE: Przegląd spawalnictwa, no. 12, 1966, 295-296 and pages 301-304

TOPIC TAGS: metal corrosion, steel corrosion, ~~stainless steel corrosion, knife-line attack, stainless steel weld~~, stainless steel, weld corrosion, SEAM WELDING, WELD EVALUATION, SULFURIC ACID

ABSTRACT: Specimens of H18N10MT stainless steel welded with an ES18-8-2 electrode and an inert-gas shielded arc were boiled in a 65% solution of nitric acid or 9% solution of sulfuric acid for five 48-hr periods to determine the corrosion resistance of the welds. It was found that all the specimens showed traces of knife-line attack. Specimens welded with ES 18-8-2 electrode, boiled in 9% solution of sulfuric acid, showed some corrosion only after the second boiling. Specimens welded with a gas-shielded arc corroded very fast during the first boiling period, but became corrosion-resistant in the third and fourth periods. On the basis of this and other investigations, the following practice is recommended to avoid conditions favoring the knife-line attack. The content of titanium in stabilized austenitic steels should be equal to or higher than eight times that of the carbon content. Austenitic-ferritic stainless steel should be used in welded constructions. Welding electrodes should not contain more than 0.03% carbon. Welding should be performed in such a manner

UDC: none

Card 1/2

ACC NR: AP7003752

that weld-adjacent areas, which are in direct contact with aggressive media, are not in the range of dangerous temperatures (450—850°C). To avoid the formation of chromium carbides and the sigma phase, metal should be cooled during welding. Orig. art. has: 11 figures and 3 tables. [TD]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 002/ SOV REF: 005/

Card 2/2

MICHALIK, Julian

New state of conditions at navigation conferences. Tech gosp
morska 13 no.10:293-295 0 '63.

1. Pełnomocnik do spraw żeglugowych C. Hartwig, Gdynia.

MICHALIK, K.

First paper mill in northern Bohemia.

p. 77

Vol. 10, no. 4, Apr. 1955

PAPIR A CELULOZA

Praha, Czechoslovakia

SO: Monthly List of East European Accessions. (EEAI), LC, Vol. 5, no. 2
February 1956, Uncl.

Michalik, K.

Michalik, K. Folding paper boxes; their technological and economic evaluation. p. 184. Emperor Leopold's tax on paper. p. 185. New experiences in the USA with papers from inorganic fibers. Tr. from the German. p. 187.

Vol. 11, No. 8, Aug. 1956

PAPIR A CELULOZA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

MI 1113, 2.

Technical and economic information in paper mills. p. 111

MINISTERSTVO PRŮMYSLU A ENERGETIKY (Ministry of Industry and Energy),
Czechoslovakia. V. 1. 14, no. 10, Oct. 1969

Monthly list of East German accession (MI) 1, vol. 1, no. 1,
Jan. 1960

Uncl.

MICHALIK, K.

Bursting strength, an indicator of the quality of container boards. p. 250

PAPIR A CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Praha, Czechoslovakia, Vol. 14, no. 11, Nov. 1959.

Monthly List of East European Accessions (KEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

MICHALIK, Karel

Mechanization of the manufacture of boxboard containers. Papir
a celuloza 17 no.11:247-254 N '62.

1. Brnenske papirny, Brno.

MICHALIK, Karel

Conditions in Czechoslovakia for mechanization of the lined card box industrial production. Papir a celuloza 18 no.3:64-66 Mr '63.

1. Brnenske papirny, Brno.

MICHALIK, Karel

Letterpress colors for print on paperboard containers. Papir
a celuloza 20 no.3:86-87 Mr '65.

1. Brnenske papirny, Brno.

L 33023-66 IJP(c)

ACC NR: AP6024134

SOURCE CODE: PO/0028/65/014/004/0259/0302

AUTHOR: Michalik, Kazimierz--Mikhailik, Kazimezh

ORG: none

TITLE: Principle of a mechanical arrangement for the affine transformation of plane figures

SOURCE: Geodezja i kartografia, v. 14, no. 4, 1965, 259-302

TOPIC TAGS: geometry, mathematic transformation, Euclidean space

ABSTRACT: The article deals with the geometric origin of the affine transformation of planes in three-dimensional Euclidian space, the Coradi affinograph, and the different methods of connection of two pantographs destined for the affine transformation of planes and straight lines. It also discusses the possiblilty of using such mechanical arrangements for the simultaneous elimination of effects of contraction of the paper and metrical deformations of the projection. Assuming a linear contraction of the paper, the article presents formulas characterizing the linear and surface contraction. Orig. art. has: 15 figures and 201 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 004

Card 1/1 *LC*

0975 1113

MICHALIK, Klement

Packaging of postal parcels. Czs poje 7 no.2:19-20.
F '62.

1. Riaditel, Urad postovej prepravy, Bratislava 2.

MICHALIK, Klement

Improvement of mail transportation by railroads. Cs spoje 7
no.6:27 Je '62.

1. Riaditel Uradu postovej prepravy Bratislava 2.

MICHALIK, Klement

Foreign exchange in the export and import. Cs spoje 8
no.2:27-28 Ap '63.

1. Riaditel uradu postovej prepravy Bratislava 2.

MICHALIK, Marian (Zabrze-Rokitnica, Sl. A. M.)

Spontaneous pneumothorax complicated by hematoma simulating myocardial infarct. Gruzlica 25 no.12:997-1001 Dec 57.

1. Z Kliniki Pityzjatrycznej Sl. A. M. w Zabrzu-Rokitnicy Kierownik:
prof. dr L. Deloff.

(PNEUMOTHORAX, compl.

pleural hematoma, simulating myocardial infarct (Pol))

(PLEURA, hemorrh.

hematoma in pneumothorax simulating myocardial infarct (Pol))

(HEMATOMA, etiol. & pathogen.

pneumothorax with pleural hematoma simulating myocardial infarct (Pol))

(MYOCARDIAL INFARCT, differ. diag.

pneumothorax with pleura hematoma (Pol))

MICHALIK, Marian

A case of allergic enlargement of hilar lymph nodes. Gruzlica 29
no.12:1049-1052 D '61.

1. Z Kliniki Ftizjatrycznej Slaskiej AM w Zabrze Kierownik Kliniki:
prof. dr med. L. Deloff.

(TUBERCULOSIS PULMONARY compl) (LYMPH NODES dis)

MALECKI, Stanislaw; ZDUNCZYK-PAWELEK, Helena; MICHALIK, Marian

A contribution to the tuberculous etiology of sarcoidosis.
Gruzlica 30 no.8:737-742 '62.

1. Z Kliniki Ftizjatrycznej Slaskiej AM Kierownik: prof. dr
med. L. Deloff.

(SARCOIDOSIS) (TUBERCULOSIS, PULMONARY)
(LUNG DISEASES)

DELOFF, Leonard; GRZESKOWSKI, Jan; MICHALIK, Marian; OKLEK, Kazimierz

Treatment of pulmonary tuberculosis with large doses of INH.
Gruzlica 31 no.3:201-206 '63.

1. Z Kliniki Ftizjatrycznej Slaskiej AM w Zabrze Kierownik:
prof. dr med. L. Deloff.
(ISONIAZID) (TUBERCULOSIS, PULMONARY)

S/123/62/000/008/012/016
A004/A101

AUTHORS: Wrzosek, P., Michalik, N., Hajok, G.

TITLE: Method of producing ceramics for cutting-tool bits and other parts

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 8, 1962, 14, abstract
8B93 P (Zakłady Mechaniczne w Łabędach. Pol'sk. pat. kl. 40 b, 2,
no. 44249, 5.04.61)

TEXT: The method of producing ceramics for tool bits consists in that aluminum oxide powder is mixed with water, binders are added in the form of nitrates of silver, magnesium, cobalt, copper and others dissolved in water, and also molybdic and tungstic acid dissolved in ammonia, and silicic acid in the form of ordinary or colloidal solutions prepared in water or in other liquids in quantities up to 50% of the dry aluminum oxide powder weight. The solution obtained is dried while it is continuously stirred to ensure the crystallization of the finest particles of the binding additives. To precipitate the metal and the silicon carbides, the obtained product is roasted at 300 - 1,500°C. For final drying of the product and removal of the chemically bound water and gases (e.g. NO₂, SO₂, SO₃, Cl₂) it is, after a preliminary grinding and screening.

Card 1/2

Method of producing ceramics ...

S/123/62/000/008/012/016
A004/A101

crushed at 5 - 50 ton/cm² pressure and then roasted in a shielded atmosphere,
while the temperature is gradually increased.

A. Mazurkevich

[Abstracter's note: Complete translation)

Card 2/2

MICHALIK, S.

The Mucha 100 glider is coming into use. p. 293. (SKRZYDLATA POLSKA, Vol. 10, No. 19, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MICHALIK, S.

Chemical Abstr.
Vol. 48 No. 4
Feb. 25, 1954
Foods

Amino acids in cheese. J. Kalamik and S. Michalik. *Výživní vědy* 8, 93(1953).—The free amino acids of various cheeses are identified by 2-dimensional paper chromatography. The cheeses were Caschodlovak Broustak, "Zlato" (cf. Italian Bel Paese), "Niva" (Caschodlovak Roquefort) and "Moravský bochník" (a cheese of Caschodlovak origin). The following amino acids were identified: aspartic acid, glutamic acid, serine, glycine, threonine, alanine, valine, methionine, tyrosine, tryptophan, phenylalanine, leucine, isoleucine, proline, histidine, lysine, arginine. In certain cheeses (especially in Niva extra) cysteine acid, sarcosine (?), citrulline, α -aminobutyric acid, γ -aminobutyric acid, asparagine, glutamine, histamine, and tyrosine were found. Moravský bochník, ripened in paraffin wax, did not differ from that ripened without. C. B. Coulson

MICHALIK, STREAN

(3)

Study of the amino acids in cheese by paper partition chromatography. Jaroslav Kotonick and Stefan Mikolaj (Vysoká škola zemědělská, Prague, Czech.). *Sborník Českoslo. Akad. Zeměděl. Věd*, 27A, 67-70(1964); cf. C.A. 48, 2381c.—There are qual. as well as quant. changes in the free amino acids (I) during the ripening of Roquefort cheese. Different kinds of cheese show characteristic qual. and quant. changes in I during various stages of ripening of the same variety but also of the particular variety. The qual. I compo. of protein does not change in ripening. Roquefort, domestic (Czech.), Emmental, and Moravian "bochník" (loaf) contain the essential amino acids.
Jan Miska

MICHALIK, STEFAN

HD ✓ Nitrogenous constituents and metabolites of *Penicillium roqueforti*. Jaroslav Koloušek and Stefan Michalik (Výzk. úst. škola zemědělská, Prague). *Sborník Československé Akad. Zemišed. Věd*, 27A, 281-6 (1984) (English summary). — *Penicillium roqueforti* (L) grown on Czapek medium, contg. in 1000 ml. H₂O, 30 g. sucrose, 2 g. NaNO₃, 1 g. K₂HPO₄, 0.5 g. MgSO₄, 0.5 g. KCl, and 0.01 g. FeSO₄, synthesized the following free and bound amino acids, detd. by the paper partition chromatographic method: cysteine, aspartic, and glutamic acids, serine, glycine, threonine, α-alanine, tyrosine, histidine, lysine, arginine, proline, γ-aminobutyric acid, valine and methionine, phenylalanine, leucine and isoleucine, tryptophan, methionine sulfone and methionine sulfoxide. It gives off back into the medium aspartic and glutamic acids, serine, threonine, α-alanine, valine and methionine and leucine with isoleucine.

Jan Mírka

①

L 43616-66 EWP(k)/EWP(h)/EWP(v)/EWP(1) BC

ACC NR: AP6017909

(A)

SOURCE CODE: CZ/0078/65/000/012/0026/0026

INVENTOR: Znamek, Miroslav (engineer); Michalik, Slavomir (engineer); Cermak, Antonin (engineer, Candidate of Sciences) (Prague) (Prague)

ORG: none

TITLE: [Transducer for the long-range measurement of position] CZ Pat. No. PV 3481-65, Class 74 6

SOURCE: Vynalezy, no. 12, 1965, 26

TOPIC TAGS: measuring instrument, remote control, detection system

ABSTRACT: A transducer for the long-range measurement of position, in particular of liquid level, is described which has the distinguishing feature that it consists of at least one coil wound so that winding lengths are in ascending order, and of an axially movable member positioned freely inside the coil and controlled by coil inductance.

SUB CODE: 09,14/ 22May65

Card

1/1 fgm

MYSLIŃSKI, A.; MICHALIK, T.

Nucleic acids, glycogen and lipides during the embryonic development of the vibrissae in white rats. Folia morphol 22 no.1:59-66 '63.

1. Zakład Histologii i Embryologii, Akademia Medyczna, Gdansk.
Kierownik: prof. dr S.Hiller.

*

OTFWYF, Teresa; MIŁAŁA, Andrzej; Kurl, A., SM. H. W. LA, Barbara

Studies of certain histochemical reactions in brain blood
vessels of human fetuses. Folia histochem. cytochem. Krakow
3 no.2:149-160, 1965.

1. Department of Histology and Embryology, Medical Academy,
Gdansk.

MICHALIK, W.

POLAND / Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60345.

Author : Z. Zembura, W. Michalik.

Inst : Academy of Sciences of Poland.

Title : The Limiting Current During Electrolytic Polishing of Copper in A 20 n. H_3PO_4 Solution.

Orig Pub: Bull, Acad. polon. sci., 1957, Cl. 3, 5, No 11, 1073-1079.

Abstract: In order to solve the question concerning the limiting stage of Cu electropolishing (EP) in 20 n. H_3PO_4 , the dependence of the limiting current i_{lim} of Cu dissolution on the concentration c of Cu ions and on the number of revolutions (m) of

Card 1/2

MICHALIK, W.

Anodic behavior of metals. VI. Limiting current during electrochemical polishing of copper in 20N H₃PO₄ solution. Zdzisław Zembura and Władysław Michalik (Akad. Górniczo-Hutnicza, Kraków, Poland). *Rozprawy Chem.* 32, 1811-19 (1968) (English summary); cf. C.A. 52, 2804d. — If the dissoln. rate depends only on the PO₄ ion concn. and not on the diffusion of dissolved Cu, the known equation for limiting c.d. is rewritten as follows: $D_s = DnFz_s/l.s$, where D_s = coeff. of diffusion, n = valence of the phosphate ion, F = the faraday, l = thickness of the hypothetical diffusion layer, z_s = bulk concn. of PO₄³⁻, and s = the sum of transference nos. of all ions except the phosphate ion. For const. PO₄ concn. it is assumed that D_s is restrained to changes of viscosity η and of equiv. cond. λ , i.e. $D_s \cdot \eta = \text{const.}$ and $D_s/\lambda = \text{const.}$ The latter equations were confirmed for the system Cu-20N H₃PO₄ with various concns. of dissolved Cu. A. Kreglewski.

Jw
1/1

9/1

MICHALIK, Zbigniew, mgr., inz.

Methods for measuring the vibration of steam turbine blades.
Energetyka Pol 15 no.11:337-340 '61.

1. "Energopomiar", Dzial Elektryczny.

MICHALIK, Zbigniew, mgr., inż.; BONIN, Jozef, inż.

Experiences in measurements of the steam turbine blades vibrations.
Energetyka Pol 16 no.1:Bul energ:8 162.

1. "Energopomiar", Dzial Elektryczny.

SPALDON, F. J. LUKAS, J. MICHALKOVA, F. J. KMET, S

On the physical properties of two types of glass-ceramics
ferrosilicon and their relation to the suspension properties
Sbor VST Koscice 1:125-135 1964

1. Study of Ore Dressing of the Higher School of Technology
Koscice. Submitted April 15, 1967.

MICHALISZYN, Wladyslaw

Control of antigen used in Chediak's reaction. Przegl. dermat.,
Warsz. 4 no.6:496 Nov-Dec 54.

1. Z Pracowni Serologicznej Wojewodskiej Przychodni Skorno-
Wenerologicznej w Krakowie. Dyrektor: dr Z.Capinski, Kierownik:
dr W.Michalissyn.

(SYPHILIS, diagnosis,

serol., Chediak's reaction, control of antigen)

(ANTIGENS AND ANTIBIOTICS)

GROTTTEL, Kazimierz; MICHALKIEWICZ, Maria

Excretion of uropepsin and 17-ketosteroids in the urine of dogs during estrogen administration. Endocr. Pol. 16 no.1:97-104 Ja-P'65.

1. Zakład Anatomii Prawidłowej Akademii Medycznej w Poznaniu (Kierownik: prof. dr. J. Kálaczowski); 1. Klinika Położnictwa i Chorób Kobiety Akademii Medycznej w Poznaniu (Kierownik: prof. dr. W. Michalkiewicz).

MICHAŁKIEWICZ, Paweł, mgr. inż.

The city communication of the city of Łódź as a topic of the discussions
of the Association of Transportation Engineers and Technicians. Przegl
techn no.17:9 Ap '62.

MICHALKIEWICZ, Pawel, mgr inż.

What are the tasks of a scientific and technical association in the field of vocational training of the personnel of an industrial enterprise? Przegl techn 84 no.2:10 13 Ja '63.

1. Przewodniczący Zarządu Oddziału Łódzkiego Stowarzyszenia Inżynierów i Techników Komunikacyjnych, Łódź.

MICHALKIEWICZ, Pawel, mgr inz.; IWANOW, Mikolaj, mgr inz.

Technological progress in road construction in the city of Lodz.
Przegl techn 84 no.4:14 27 Ja '63.

WICZ, Pawel, mgr inz.

Achievements of the Lodz Branch of the Association of
Transportation Engineers and Technicians during one year.
Przegl techn 85 no. 12: 10 22 Mr '64.

MICHALKIEWICZ, P., mgr inz.

Achievements of the local branch of the Association of
Transportation Engineers and Technicians in the Lodz
Municipal Transportation Enterprise. Przegl techn 85
no.31:8 2 Ag '64.

MICHALKIEWICZ, W.

Examination of semen. Polski tygod. lek. 5 no.46:1612-1614 13
Nov 50. (CML 20:5)

1. Of the Obstetric-Gynecological Clinic (Director--Tadeusz Zwo-
linski, M.D.) of Poznan Medical Academy.

MICHALKIEWICZ, Witold

Problem of blood coagulation in obstetrics and *gynecology*. I.
Fibrinogenemia in complicated pregnancy. *Gin.polska* 26 no.2:
193-203 Apr-June '55.

1. Z Kliniki Położnictwa i Chorob Kobietych A.M. w Poznaniu.
Kierownik: prof. dr I. Roszkowski, Poznań, Al.Malopolska 2 m. 4
(PREGNANCY, complications,
fibrinogenemia in)
(FIBRINOGEN,
in pregn.compl.)

MICHALKIEWICZ, Witold

Third period of blood coagulation in late pregnancy toxemias. Gin.
polska 28 no.4:431-435 July-Aug 57.

1. Z Kliniki Położnictwa i Chorob Kobietych A. M. w Poznaniu
Kierownik: prof. dr I. Roszkowski.

(PREGNANCY TOXEMIAS, blood in
coagulation, behavior of 3rd Danilin fraction in
late toxemias (Pol))

MICHALEWICZ, Witold (Poznan, Polna 33)

Coagulation of the umbilical blood. Gin. polska 28 no.6:685-688
Nov-Dec 57.

1. Z Kliniki Położnictwa i Chorob Kobietych A. M. w Poznaniu. Kierownik:
prof. dr med. I. Roszkowski.

(UMBILICAL CORD

blood coagulation mechanisms in 3rd stage of labor (Pol))

(BLOOD COAGULATION, physiol.

mechanisms in umbilical cord in 3rd stage of labor (Pol))

(LABOR, physiol.

blood coagulation mechanisms in umbilical cord in 3rd
stage of labor (Pol))

ESPENHAN, M., MICHALKIEWICZ, W., ZYWICKA-TWAROWSKA, I.

Blood proteins in normal and diseased newborn infant. *Pediat.polska*
33 no.3:303-313 Mar 58

1. Z I Kliniki Poloznictwa i Chorob Kobietych A.M. w Poznaniu.
Kierownik: doc dr med. W Michalkiewicz. Adres: Poznan, ul. Polna 33,
I Klin. Poloz. i Chor. Kobietych A.M.

(BLOOD PROTEINS, determ.
in normal & dis. newborn inf. (Pol))
(INFANT, NEWBORN, dis.
blood proteins in (Pol))

Poland

Wojciech GIELMANOWSKI and Stanislaw KLEWENHAGEN, First Gynecology and Obstetric Clinic, College of Medicine (I Klinika Położnictwa i Chorob Kobietych AM) Head Prof Dr W. MICHALKIEWICZ; and Department of Medical Radiology (Zakład Radiologii Lekarskiej AM) Head Prof Dr B. GLADYSZ, Poznan.

'Diagnostic X-Ray Examination and Early Pregnancy.'

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 46, 12 Nov 1962; pp 1775-1789.

Abstract [English summary modified]: Studies in 15 women and in dummies revealed that the dose received by the pregnant uterus and the gonads during any radiologic diagnostic tests in early pregnancy was inadmissible. Details of apparatus and technique are outlined to minimize the damage or eliminate it. Three tables, 2 graphs, 2 Polish and about 30 Western references.

1/1

~~MIKHAILOVICH~~ V. [Michalkewicz, W.]; PRZYBORA, L.A. [Przybora, L.];
SIMM, S.; VOL'NA, M. [Wolna, M.]

Compound histo-cytoclinical evaluation as a method for the
detection of precancerous conditions and preinvasive cancer
of the cervix uteri. Akush. i gin. 40 no.2:102-107 Mr-Apr '64.
(MED 17:11)

1. 1-ya akushersko-ginekologicheskaya klinika (rukovoditel' -
prof. V. Mikhalkovich) Meditsinskoy akademii, Poznan'.

MICHALKIEWICZ, Witold, prof. dr.; BARON, Jozef; PRZYBORA, Lucjan A.

Testicular feminization syndrome (clinical, hormonal and histopathological studies in five cases occurring in two sibships).
Endocr. Pol. 14 no.1:1-12 Ja-F'65.

1. I Klinika Położnictwa i Chorób Kobięcych Akademii Medycznej
w Poznaniu (Kierownik: prof. dr. W. Michalkiewicz).

MICHALKIEWICZ, Witold, prof. dr.; BARON, Jozef; PRZYBORA, Lucjan

Incomplete testicular feminisation syndrome. (Clinical, hormonal, and histological study of 3 familial cases.) Endokr. Pol. 16 no.3:205-216 My-Je'65.

1. I Klinika Położnictwa i Chorob Kobietych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. W. Michalkiewicz).

MICHAŁKIEWICZ, Witold; BIEBROWICZ, Henryk; LISIŃSKI, Tadeusz

Clinical analysis of protracted labor. Ginek. i g. 391-395 Ap '65.

1. Z I Kliniki Położnictwa i Chorob Kobiety AM w Warszawie
(Kierownik: prof. dr. med. W. Michałkiewicz).

1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order. The names are: [illegible]

2. The second part of the document is a list of the topics that were discussed at the meeting. The topics are listed in alphabetical order. The topics are: [illegible]

3. The third part of the document is a list of the actions that were taken at the meeting. The actions are listed in alphabetical order. The actions are: [illegible]

4. The fourth part of the document is a list of the decisions that were made at the meeting. The decisions are listed in alphabetical order. The decisions are: [illegible]

5. The fifth part of the document is a list of the recommendations that were made at the meeting. The recommendations are listed in alphabetical order. The recommendations are: [illegible]

ESPENHAN, Maria; MICHALKIEWOZ, Witold

Some physico-chemical properties of proteins of the myometrium.
Ginek. pol. 34 no.2:193-197 '63.

1. Z I Kliniki Położnictwa i Chorob Kobięcych AM w Poznaniu
Kierownik: prof. dr med. W. Michalkiewicz.
(MUSCLE PROTEINS) (UTERUS) (CHEMISTRY)

Mecharbo

3

Author: *Mecharbo*
Affiliation: *Mecharbo* (in Russian Ministry at the Medical Faculty, (University
Affiliations: *Mecharbo* (University (Universita Akademiya), in Bratislava;
Editor: *Mecharbo* I. J. *Mecharbo*, ID
Editor: *Mecharbo*, *Mecharbo*, No 3, ul, pp 161-166)
Title: *Mecharbo* in Childhood"
Co-author: *Mecharbo*, J. (affiliation same as above)

SPB 00.00.00

JAKUBCOVA, I.; MICHALKO, J.

The relation between rheumatic fever and chorea minor in the light of laboratory data. Cesk. pediat. 16 no.12:1086-1089 D '61.

1. II Detska klinika FN v Bratislave Katedra starostlivosti o dieta; vseobecny smer, veduca katedry doc. MUDr. Irena Jakubcova.

(RHEUMATIC FEVER physiol)
(CHOREA physiol)

MICHALKO, J.

Michalco, J. Polyploidy. p.93

Vol. 10, no. 1, 1955 QH 634 Bratislava, Czechoslovakia

SO: Monthly List of East European Accessions, (SEAL), DL, Vol. 6, no. 2
February, 1956

MICHALKO, J.

Xerothermal flora of the Ondava River highlands. P. 351

Vol. 10, no. 3, 1955

BIOLOGIA

Bratislava, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, April 1956

MICHALKO, J.

The fifty years of Oleg Grebenscikov; a biographic sketch. p. 514.

BIOLORGIA. (Slovekska akademia vied) Bratislava CZECHOSLOVAKIA

Vol. 10, No. 4, 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress. Vol. 5, No. 1, January, 1956.

MICHALKO, Jan

Geobotanicke podmery pohoria Vihorlatu. (Geobotanical Conditions on the Vihorlat Mountain Range. German and Russian summaries, illus., bibl., tables) Bratislava, SAV, 1957. 196 p.

Results of the geobotanical investigation of the most important plant families and a summary of previous studies concerning the existence and extent of higher types of plants.

Bibliograficky katalog, CSR, Slovenske Knihy, Vol. VIII. 1957. No. 9. p. 276.

MICHALKO, Jan

Habitat conditions in the new Slovak localities of the genus
Carpesium cernuum L. Biologia 15 no.2:55-58 '60. (FEA 9:5)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie geobotaniky
a systematiky rastlin, Bratislava.

(SLOVAKIA--CARPESIMUM CERNUUM)

MICHALKO, Jan

A conference on the investigation of the flora and fauna of the
Carpathian Mountains and neighboring areas. Biologia 15 no.12:
946-948 '60. (EEAI 10:8)
(CARPATHIAN MOUNTAINS) (FLORA) (FAUNA)

MICHALKO, Jan

Original existence of service tree (*Sorbus domestica* L.) in oak forests of our Carpathian Mountains. *Biologia* 16 no.4:241-248 '61.

1. Biologický ústav Slovenskej akadémie vied, Oddelenie geobotaniky a systematiky rastlín v Bratislave.

(ASH(TREE))

MICHALKO, Jan, dr.

Natural distribution of the fir (*Abies Alba* Mill.) and of spruce (*Picea Excelsa* [Lam] Link) in the Vihorlat Mountains. *Biologia* 16 no.6:469-471 '61.

1. Biologický ústav Slovenskej akadémie vied, Oddelenie geobotaniky a systematiky rastlín, Bratislava, Sienkiewiczova 1.

(Fir) (Spruce)

15.

3. *Conclusions*—The results of this study indicate that the use of a single, non-validated, questionnaire to assess the prevalence of musculoskeletal disorders in a population of health care workers is not sufficient to provide a reliable estimate of the prevalence of musculoskeletal disorders. The use of a single questionnaire may also be insufficient to provide a reliable estimate of the prevalence of musculoskeletal disorders in a population of health care workers. The use of a single questionnaire may also be insufficient to provide a reliable estimate of the prevalence of musculoskeletal disorders in a population of health care workers.

David T. Forster and John C. Forster, *University of California, San Diego*

Bratislava, 21. 11. 1963, 17. 12. 1963, 17. 12. 1963.

1. 1931-1932, 1933-1934, 1935-1936, 1937-1938, 1939-1940, 1941-1942, 1943-1944, 1945-1946, 1947-1948, 1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674,

11/2